

**DECLARATION UNDER 37 CFR § 1.132**

Sir,

I, Shane B. Juhl, of Dayton, Ohio, declare and say:

1. I am one of the inventors of United States patent application entitled, "Method of Polymer Nanolithography," serial number 10/817,406, filed **25 March 2004**, along with Sergei F. Lyuksyutov and Richard A. Vaia.
2. I am a co-author of the publication, "*Electrostatic Nanolithography in Polymers Using Atomic Force Microscopy*," published online at <http://www.nature.com> on **22 June 2003**, along with Sergei F. Lyuksyutov, Richard A. Vaia, Pavel B. Paramonov, Lynn Waterhouse, Robert M. Ralich, Grigori Sigalov, and Erol Sancaktar. This publication was cited against the application identified in paragraph 1 in the Examiner Action, dated 26 September 2007.
3. The invention described in the publication identified in paragraph 2 was invented solely by Sergei F. Lyuksyutov, me, and Richard A. Vaia. The other co-authors of the publication, Pavel B. Paramonov, Lynn Waterhouse, Robert M. Ralich, Grigori Sigalov, and Erol Sancaktar, were merely working at our direction and supervision.
4. I further declare that this invention was diligently pursued by preparing and filing a disclosure thereof with the United States Air Force, my employer at the time. The United States Air Force subsequently, after consulting with me, prepared and filed the patent application identified in paragraph 1.
5. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and furthermore that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine, or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNED this 24<sup>th</sup> day of March, 2008



SHANE B. JUHL